

#3/IDS
5/11/02
C. Perio

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Hiroshi NAGAEDA, et al.

Application No.:

Group Art Unit:

Filed: February 1, 2002

Examiner:

For: VARIABLE POLARIZATION PLANE ROTATOR AND OPTICAL DEVICE USING SAME



INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:

- 1a. ☒ Form PTO-1449.
- 1b. ☒ Copies of IDS citations.
- 1c. ☐ An English language copy of search report(s) from a counterpart foreign application or a PCT International Search Report.
- 1d. ☒ English language translation (complete or relevant portion(s)) attached to each non-English language publication.
- 1e. ☐ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of each non-English publication.

2. ☒ In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is

(Check appropriate Items 2a, 2b, 2c and/or 2d)

- 2a. ☐ satisfied because all non-English language publications were cited on the enclosed "English-language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, pp. 600-100 to 600-101, Rev. 1, Feb. 2000.)
- 2b. ☒ set forth in the application.

- 2c. ☒ satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication.
- 2d. ☐ enclosed as Attachment 1(e), hereto.
3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

STAAS & HALSEY LLP

Dated: February 1, 2002
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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.

1344.1084

APPLICATION NO.

FIRST NAMED INVENTOR

Hiroshi NAGAEDA, et al.

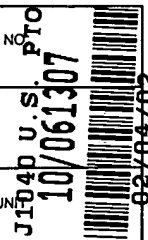
FILING DATE

February 1, 2002

GROUP ART UNIT

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	5,557,692	9/17/96	Pan et al.	385	11	10/26/95
	AB	5,276,747	1/4/94	Pan et al.	385	34	1/21/93
	AC	5,727,109	3/10/98	Pan et al.	385	140	6/19/96
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	AG	✓ 2001-13477	1/19/01	Japan			Abst	
	AH	✓ 11-271700	10/8/99	Japan			Abst	
	AI	✓ 11-052339	2/26/99	Japan			Abst	
	AJ	✓ 57-100723	6/21/82	Japan			Abst	
	AK	✓ 57-125925	8/5/82	Japan			Abst	
	AL	✓ 61-285427	12/16/86	Japan			Abst	

OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AM	
	AN	
	AO	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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1040 U.S. PTO
10/061307
02/04/02

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	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

FOREIGN PATENT DOCUMENTS

		DOCUMEN T NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	AG	✓ 8-505961	6/25/96	Japan			Corrsponding to U.S. Patent 5,557,692	
	AH	✓ 8-505960	6/25/96	Japan			Corresponding to U.S. Patent 5,276,747	
	AI	✓ 6-51255	2/25/94	Japan			Abstract	
	AJ	✓ 7-261140	10/13/95	Japan			Abstract	
	AK							
	AL							

OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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PRIOR ART INFORMATION LIST

J1040 U.S. PRO
10/061307



your case No.	
our case No.	A50153-USA

Inventor, Patent Number, Country Author, Title, Name of Document	Issue date	Concise Explanation of the Relevance (indication of page, column, line, figure of the relevant portion)
1. Japanese Unexamined Patent Publication No.2001-13477)		Background
2. Japanese Unexamined Patent Publication No. 11-271700		Background
3. Japanese Unexamined Patent Publication No. 11-052339		Background
4. Japanese Utility Model Publication No. 57-100723		Background
5. Japanese Unexamined Patent Publication No. 57-125925		Background
6. Japanese Unexamined Patent Publication No. 61-285427		Background
7. National Publication No. 8-505961 (corresponding to USP 5,557,692)		Background
8. National Publication No. 8-505960 (corresponding to USP 5,276,747)		Background
9. USP 5,727,109		Background
10. Japanese Unexamined Patent Publication No. 6-51255		Background
11. Japanese Unexamined Patent Publication No. 7-261140		Background

1/1

Remarks:

- Please obtain U.S.Patent No.5,557,692, 5,276,747 and 5,727,109 corresponding to the Prior Art No. 7, 8 and 9 on your side.